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Application No: 10/718,524
Attorney's Docket No: ALC 3098

REMARKS/ARGUMENTS

Claims 1-21 and 23-26 are pending in the application. Claims 1, 21 and 24 are independent. Claims 21 and 24 are hereby amended. Claim 22 was previously cancelled without prejudice to, or disclaimer of, the subject matter recited therein.

In section 6 on pages 5-13, the Office Action rejects claims 1-6, 10-20, 24 and 25 under 35 U.S.C. 102(c) as being allegedly anticipated by U.S. Patent Publication No. 2001/0085953 to Davis. This rejection is respectfully traversed.

This rejection was previously traversed in the Request for Reconsideration filed January 10, 2007. In the Advisory Action as faxed to Applicant's representative on February 12, 2007, it appears to be alleged that Applicant's traversal argument requires an interpretation of the claims that incorporates limitations into the claims from the specification. Applicant respectfully disagrees. Rather, the reference previously made to the specification by Applicant was made merely for the purposes of giving an example of where support exist in the specification for subject matter clearly recited in the claims.

Specifically, claim 1, from which claims 2-6 and 10-20 depend, recites, "a window size of n window bits," "an offset of o offset bits," and "prefix lengths based on said window size and offset." Based on the foregoing quotations of the subject matter recited in claim 1, Applicant respectfully submits that it is very clearly recited in claim 1 that the prefix lengths are based on n and o . Applicant hopes that this supplemental clarification to the arguments already made on the record in traversing the rejection assist the Examiner in understanding the argument. Those previous arguments are incorporated herein by reference.

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Claim 24, from which claim 25 depends, recites that, "the prefix length is based on n and a number of offset bits." Thus, Applicant respectfully submits that the arguments made above and previously regarding claim 1 apply fully to claim 24.

For at least the foregoing reasons, it is respectfully requested that the rejection of claims 1-6, 10-20, 24 and 25 as allegedly being anticipated by Davis be withdrawn.

In section 8 on pages 12-13, the Office Action rejects claims 21 and 23 under 35 U.S.C. 102(b) as allegedly being anticipated by "Forwarding Engine for Fast Routing Lookups And Updates" by Yu et al (hereinafter "Yu"). This rejection is respectfully traversed.

Claim 21, from which claim 23 depends, recites that, "said prefix lengths are based on n and a number of offset bits." It is respectfully submitted that Yu does not disclose, teach or suggest the subject matter. Further, although Davis is not applied in rejecting claims 21 or 23, Applicant respectfully points out that Davis suffers from the same deficiency as argued above and previously.

For at least the foregoing reasons, it is respectfully requested that rejection of claims 21 and 23 as allegedly being anticipated by Yu be withdrawn.

In section 10 on pages 13-15 the Office Action rejects claims 7-9 and 26 under 35 U.S.C. 103(a) as allegedly being unpatentable over Davis in view of Yu. This rejection is respectfully traversed.

Claim 7-9 and 26 are allowable based at least on their dependence from claims 1 and 24, respectively, as well as for the separately patentable subject matter recited therein.

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Further, Applicant incorporates by reference the traversal arguments previously made on the record in response to this rejection.

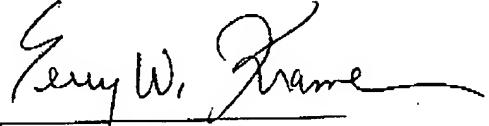
For at least the foregoing reasons, it is respectfully requested that the rejection of claims 7-9 and 26 as allegedly being unpatentable over Davis in view of Yu be withdrawn.

CONCLUSION

While we believe that the instant amendment places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner telephone the undersigned attorney in order to expeditiously resolve any outstanding issues.

In the event that the fees submitted prove to be insufficient in connection with the filing of this paper, please charge our Deposit Account Number 50-0578 and please credit any excess fees to such Deposit Account.

Respectfully submitted,
KRAMER & AMADO, P.C.



Terry W. Kramer
Registration No.: 41,541

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KRAMER & AMADO, P.C.
1725 Duke Street, Suite 240
Alexandria, VA 22314
Phone: 703-519-9801
Fax: 703-519-9802